

## HIGH VISCOSITY INDEX WIDE-TEMPERATURE FUNCTIONAL FLUID COMPOSITIONS AND METHODS FOR THEIR MAKING AND USE

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### Abstract of the Disclosure

10 This invention relates to lubricants comprising base stocks and  
base oils that exhibit an unexpected combination of high viscosity index (130 or  
greater) and a ratio of measured-to-theoretical high-shear/low-temperature  
viscosity at -30C or lower and the methods of making them. Specifically, the  
present invention relates to novel high viscosity index, low-viscosity lubricants  
usable as wide-temperature lubricants, for example hydraulic oils, comprising  
novel low-viscosity base stocks, with improved performance in low-temperature  
viscosity, and methods to produce them.

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